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USSN 09/786,635

AMENDMENTS TO THE CLAIMS

A/ 1. (Original) A polynucleotide comprising a member selected from the group consisting of :

- (a) a polynucleotide encoding the polypeptide as set forth in SEQ ID NO:2;
- (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
- (c) a polynucleotide fragment of the polynucleotide of (a) or (b).

2. (Original) The polynucleotide of claim 1 wherein the polynucleotide is DNA.

3. (Original) A vector containing one or more of the polynucleotides of claim 1 and 2.

4. (Original) A host cell containing the vector of claim 3.

5. (Original) A process for producing a polypeptide comprising: expressing from the host cell of claim 4 the polypeptide encoded by said DNA.

6. (Original) A polypeptide selected from the group consisting of

- (a) a polypeptide having the deduced amino acid sequence of SEQ ID NO:2 and fragments, analogs and derivatives thereof, and
- (b) a polypeptide comprising amino acid 1 to amino acid 2201 of SEQ ID NO:2.

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7. (Original) An antibody capable to bind to the polypeptide of claim 6.

8. (Original) A diagnostic kit for the detection of the polypeptide of claim 6.

9. (Currently Amended) A method of using Use of a polypeptides encoded by a polynucleotide

comprising a member selected from the group consisting of:

- (a) a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 31 a polynucleotide as claimed in claim 13;
- (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
- (c) a polynucleotide fragment of the polynucleotide of (a) or (b)

in an assay for detecting modulators of said polypeptides.

10. (Original) Modulator of a polypeptides encoded by a polynucleotide comprising a member selected

from the group consisting of :

- (a) a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 31;
- (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
- (c) a polynucleotide fragment of the polynucleotide of (a) or (b).

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11. (Original) A pharmaceutical comprising the modulator of claim 10.

12. (Original) An assay for detecting polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:

- (a) a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 32 and 54;
- (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
- (c) a polynucleotide fragment of the polynucleotide of (a) or (b).

13. (New) A polynucleotide according to claim 1 which is selected from the group consisting of SEQ ID NOS. 1, 3, 4, and 6 to 31.